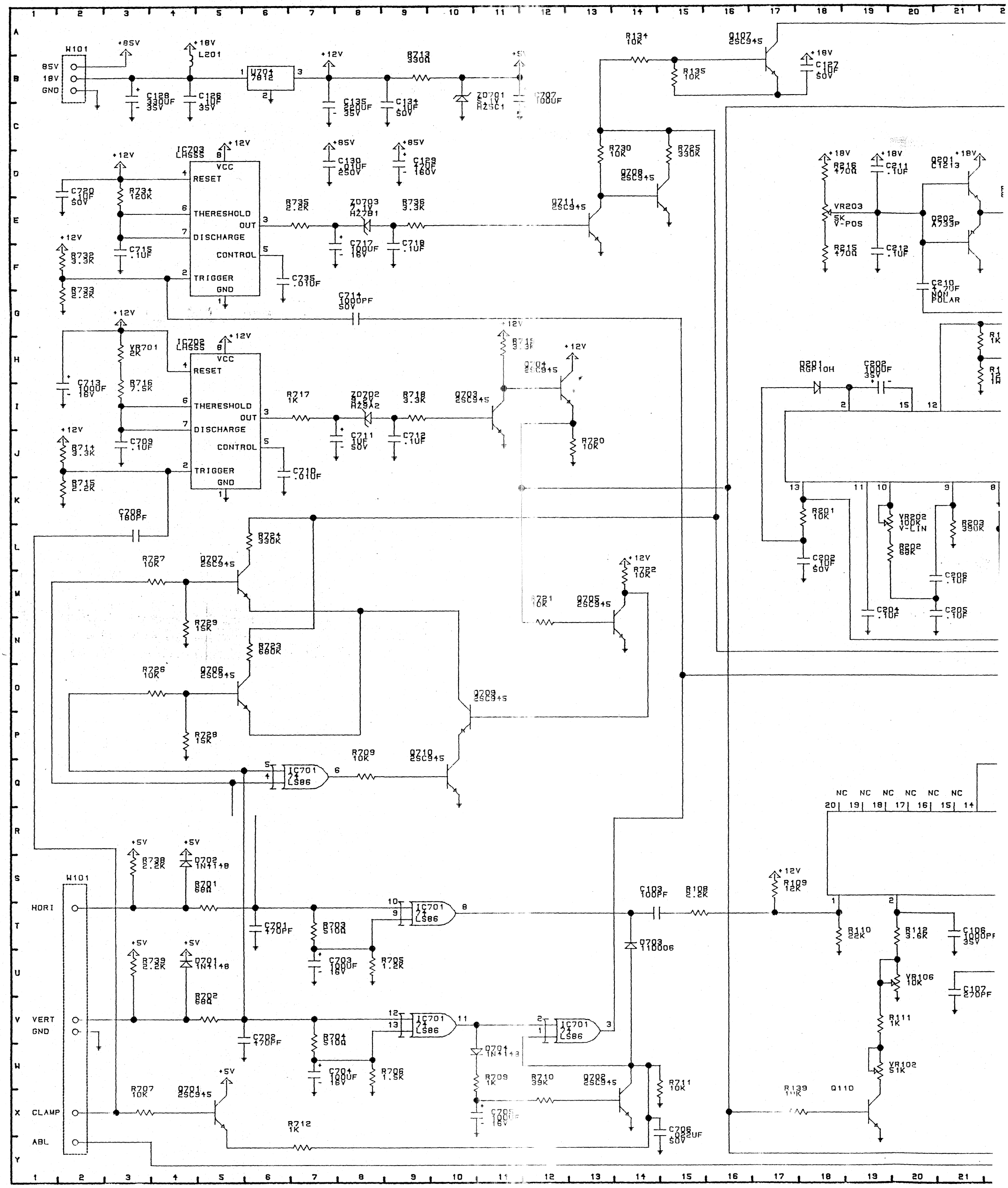
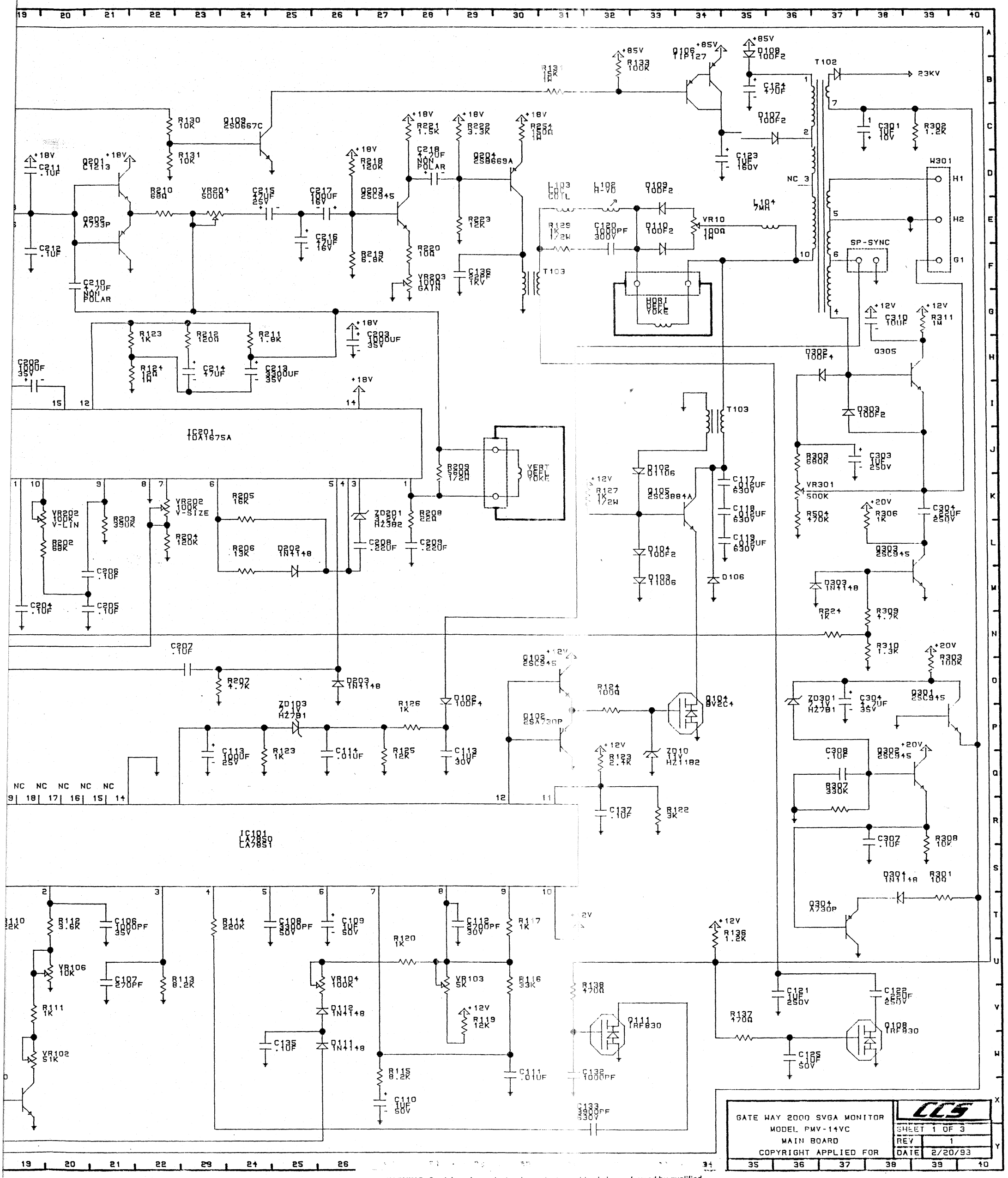
CCS

PVM14VC

MODEL

SERVICE MANUAL


W101
85V
18V
GND
+85V
+18V
L201
C128 330UF 35V
C126 .1UF 35V
U701 7812
+12V
C135 220UF 35V
C134 .1UF 50V
R713 330Ω
ZD701 5.1V HZ5C1
C707 100UF
R134 10K
Q107 2SC945
R135 10K
C127 .1UF 50V
IC703 LM555
VCC
RESET
THERESHOLD
OUT
DISCHARGE
CONTROL
TRIGGER
GND
C720 .1UF 50V
R734 120K
C715 .1UF
R732 3.3K
R733 2.2K
C130 .01UF 250V
C129 470UF 160V
R735 2.2K
ZD703 7.1V HZ7B1
R736 3.3K
C717 100UF 16V
C718 .1UF
C735 .01UF
R730 10K
R725 330K
Q708 2SC945
Q711 2SC945
C714 1000PF 50V
IC702 LM555
C713 100UF 16V
VR701 2K
R716 9.5K
C709 .1UF
R714 3.3K
R715 2.2K
C710 .01UF
R717 1K
ZD702 6.2V HZ6A2
R718 3.3K
C711 1UF 50V
C712 .1UF
Q703 2SC945
Q704 2SC945
R720 10K
C208 180PF
R724 330K
R727 10K
Q707 2SC945
R729 15K
R723 680K
R726 10K
Q706 2SC945
R728 15K
R721 10K
Q705 2SC945
R722 10K
Q709 2SC945
R709 10K
Q710 2SC945
IC701 74 LS86
R738 2.2K
Q702 1N4148
R701 68Ω
R739 2.2K
Q701 1N4148
R702 68Ω
C701 470PF
R703 510Ω
C703 100UF 16V
R705 1.2K
C702 470PF
R704 510Ω
C704 100UF 16V
R706 1.5K
HORI
VERT
GND
CLAMP
ABL
R707 10K
Q701 2SC945
R712 1K
Q704 1N4148
R709 1K
R710 39K
Q702 2SC945
C705 100UF 16V
R711 10K
C706 .022UF 50V
C103 100PF
R108 2.2K
Q703 1N4006
R216 470Ω
C211 .1UF
Q201 C1213
VR203 5K V-POS
Q202 A733P
R215 470Ω
C212 .1UF
C210 4.7UF NON POLAR
D201 RGP10H
C209 1000F 35V
R201 10K
C202 1UF 50V
VR202 100K V-LIN
R202 68K
R203 330K
C206 .1UF
C204 .1UF
C205 .1UF
R109 12K
R110 22K
R112 3.6K
C108 1000PF 35V
VR106 10K
C107 270PF
R111 1K
VR102 51K
R139 11K
Q110
NC NC NC NC NC NC
20 19 18 17 16 15 14



GATE WAY 2000 SVGA MONITOR	CLS
MODEL PMV-14VC	SHEET 1 OF 3
MAIN BOARD	REV 1
COPYRIGHT APPLIED FOR	DATE 2/20/93

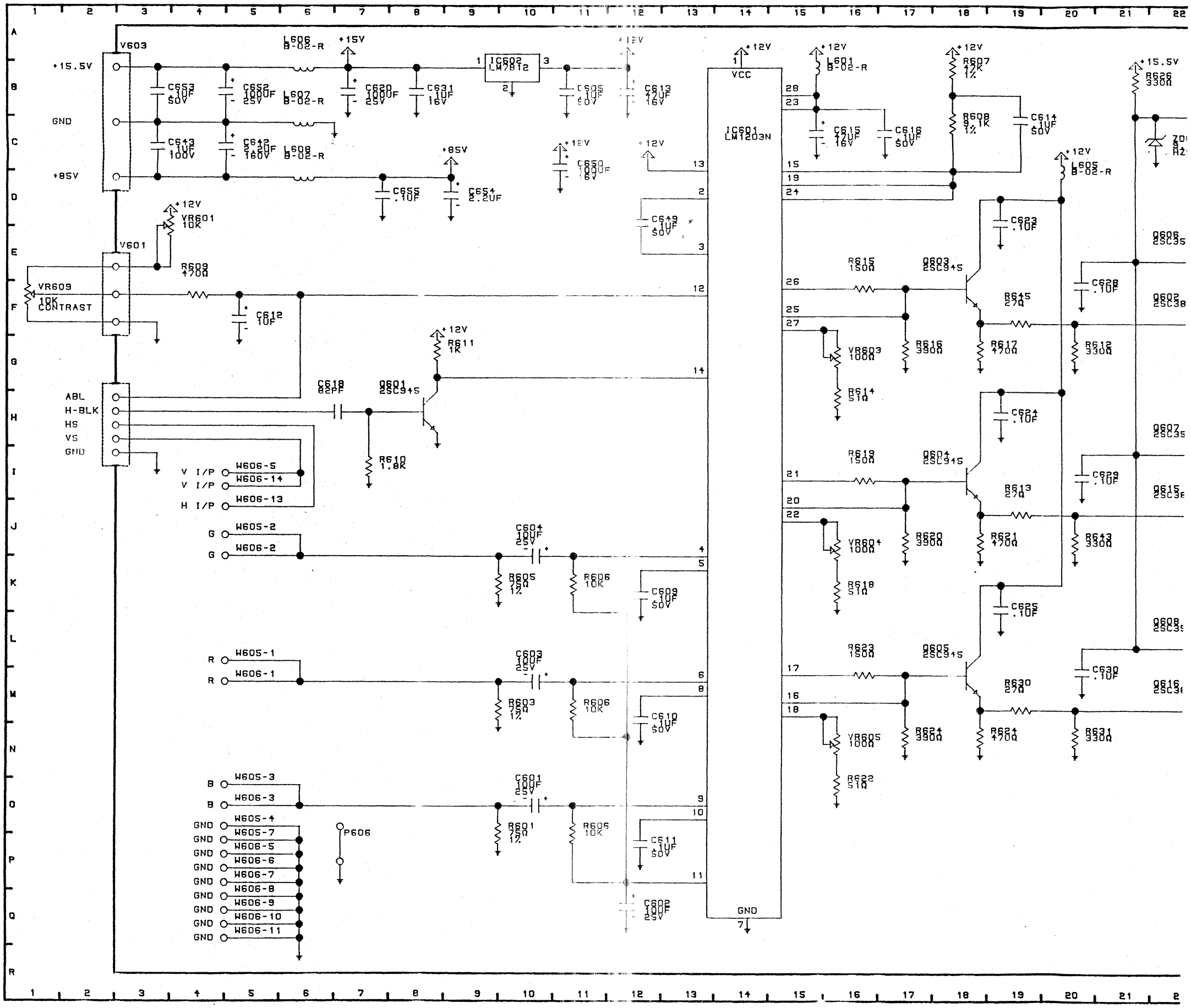
35 36 37 38 39 40

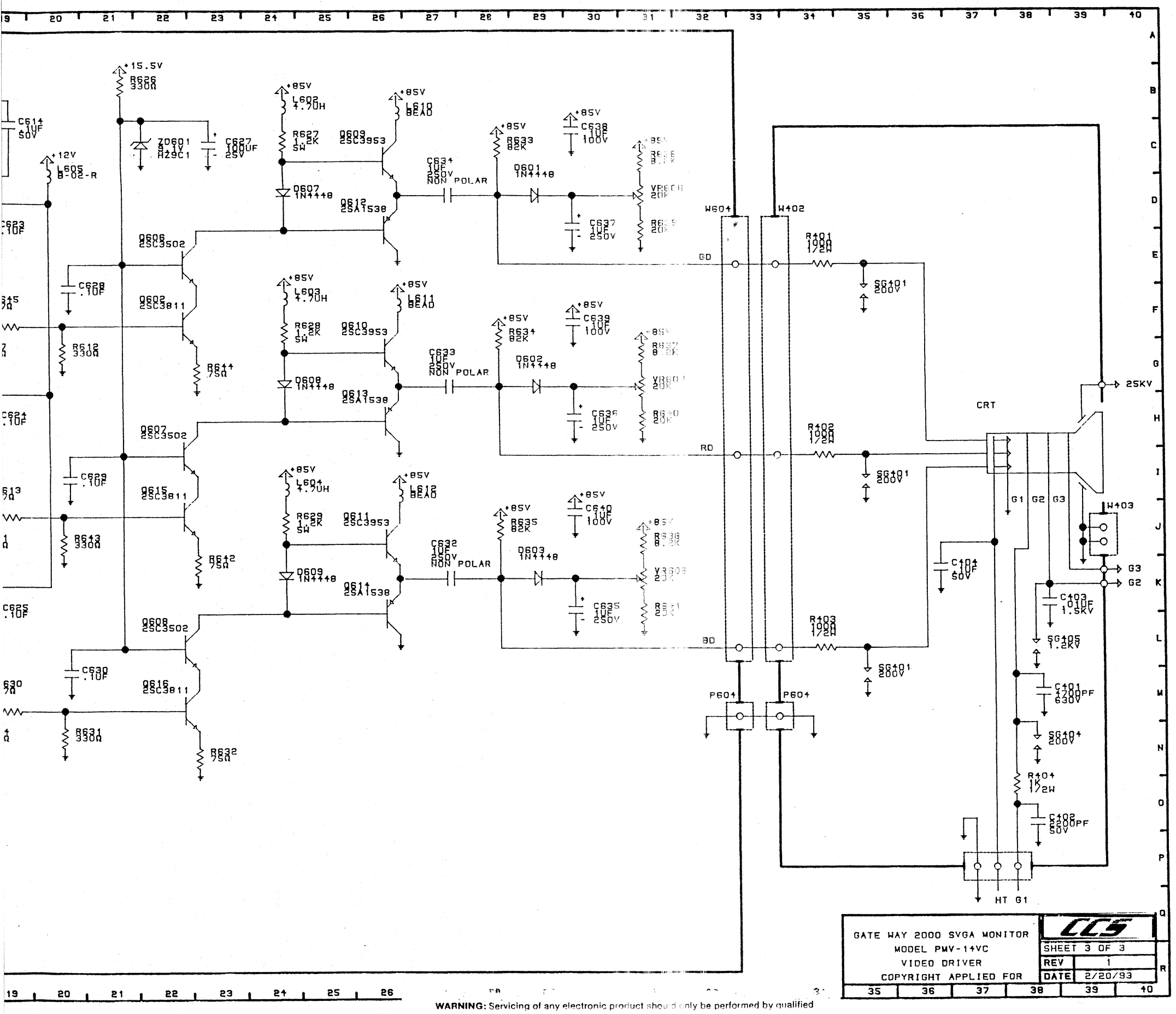
WARNING: Servicing of any electronic product should only be performed by qualified personnel. This drawing and information has been copyrighted by the company listed. Its content has been sold for the unlimited use to you. The only restrictions are that it not be copied for republication or distribution outside your company. No patent liability is assumed with respect to the use of information contained herein. Maintenance Information Technologies believes the information herein to be correct. We are not responsible for any typographical errors; no direct or implied warranty is made to its accuracy. Specifications subject to change without notice.

TRADEMARKS: All logos are registered trademarks of the companies that they represent.

NOTE: Schematics are non returnable.

697C


V603
+15.5V
GND
+8SV
C653 1UF 50V
C652 100UF 25V
L606 B-02-R
L607 B-02-R
+15V
C620 100UF 25V
C631 1UF 16V
IC602 LM7812
C605 1UF 50V
C613 47UF 16V
C643 1UF 100V
C642 2.2UF 160V
L608 B-02-R
C655 .1UF
C654 2.2UF
C650 100UF 16V
+12V
VR601 10K
V601
R609 470Ω
VR609 10K CONTRAST
C612 10UF
R611 1K
C618 82PF
Q601 2SC945
R610 1.8K
ABL
H-BLK
HS
VS
GND
V I/P W606-5
V I/P W606-14
H I/P W606-13
G W605-2
G W606-2
C604 10UF 25V
R605 15Ω 1%
R606 10K
C609 1UF 50V
R W605-1
R W606-1
C603 10UF 25V
R603 15Ω 1%
R606 10K
C610 1UF 50V
B W605-3
B W606-3
C601 10UF 25V
R601 75Ω 1%
R606 10K
C611 1UF 50V
C602 10UF 25V
P606
GND W605-4
GND W605-7
GND W606-5
GND W606-6
GND W606-7
GND W606-8
GND W606-9
GND W606-10
GND W606-11
IC601 LM1203N
VCC
GND
C649 1UF 50V
L601 B-02-R
C615 47UF 16V
C616 1UF 50V
R607 47K 1%
R608 9.1K 1%
C614 1UF 50V
L605 B-02-R
C623 .1UF
R615 150Ω
Q603 2SC945
R615 27Ω
C628 .1UF
Q602 2SC38
VR603 100Ω
R616 390Ω
R617 470Ω
R612 330Ω
R614 51Ω
C624 .1UF
Q607 2SC9
R619 150Ω
Q604 2SC945
C629 .1UF
Q615 2SC9
R613 27Ω
VR604 100Ω
R620 390Ω
R621 470Ω
R613 330Ω
R618 51Ω
C625 .1UF
Q608 2SC9
R623 150Ω
Q605 2SC945
C630 .1UF
Q616 2SC9
R630 27Ω
VR605 100Ω
R624 390Ω
R624 470Ω
R631 330Ω
R622 51Ω
R626 330Ω
Q608 2SC35
Q602 2SC38

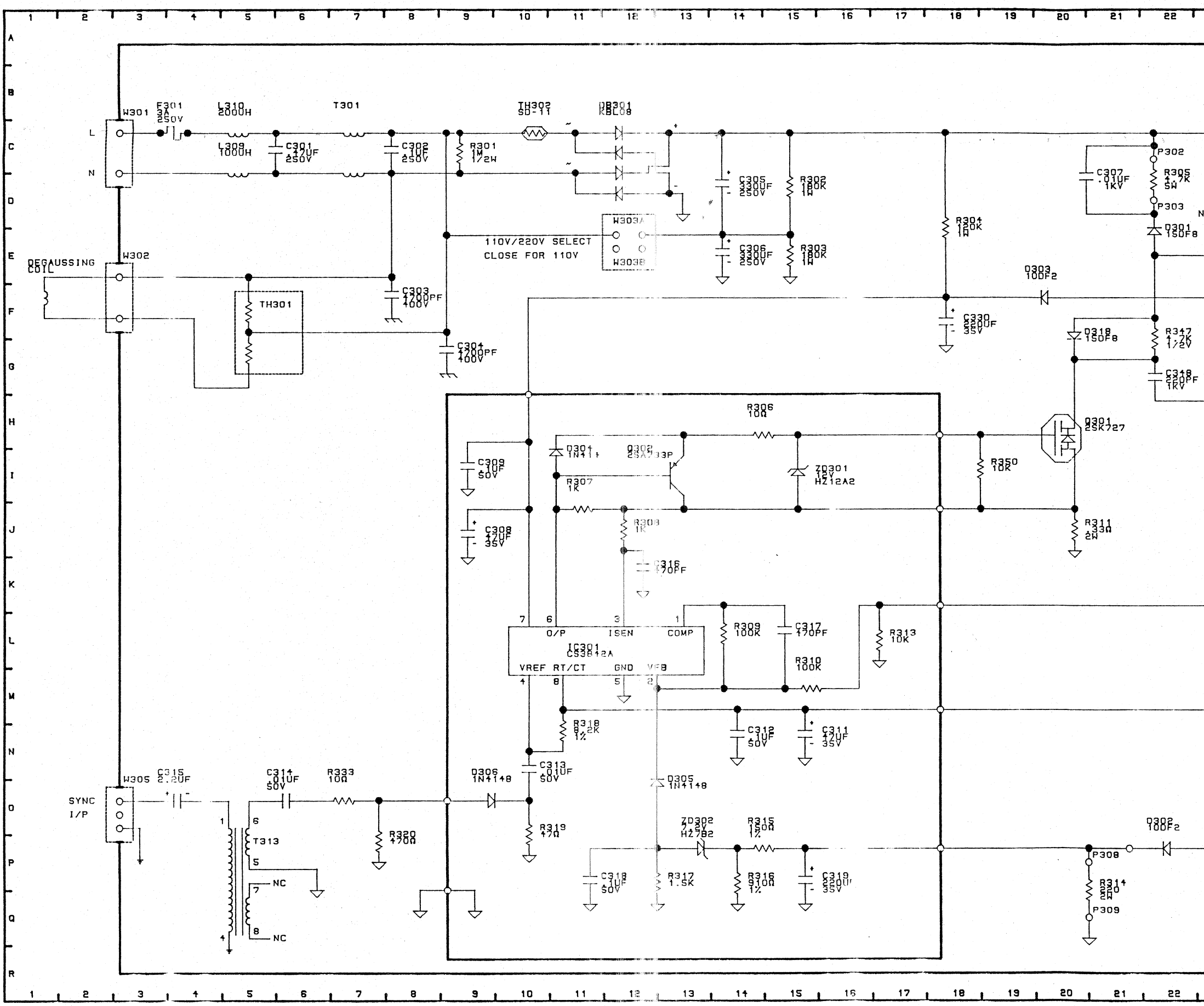


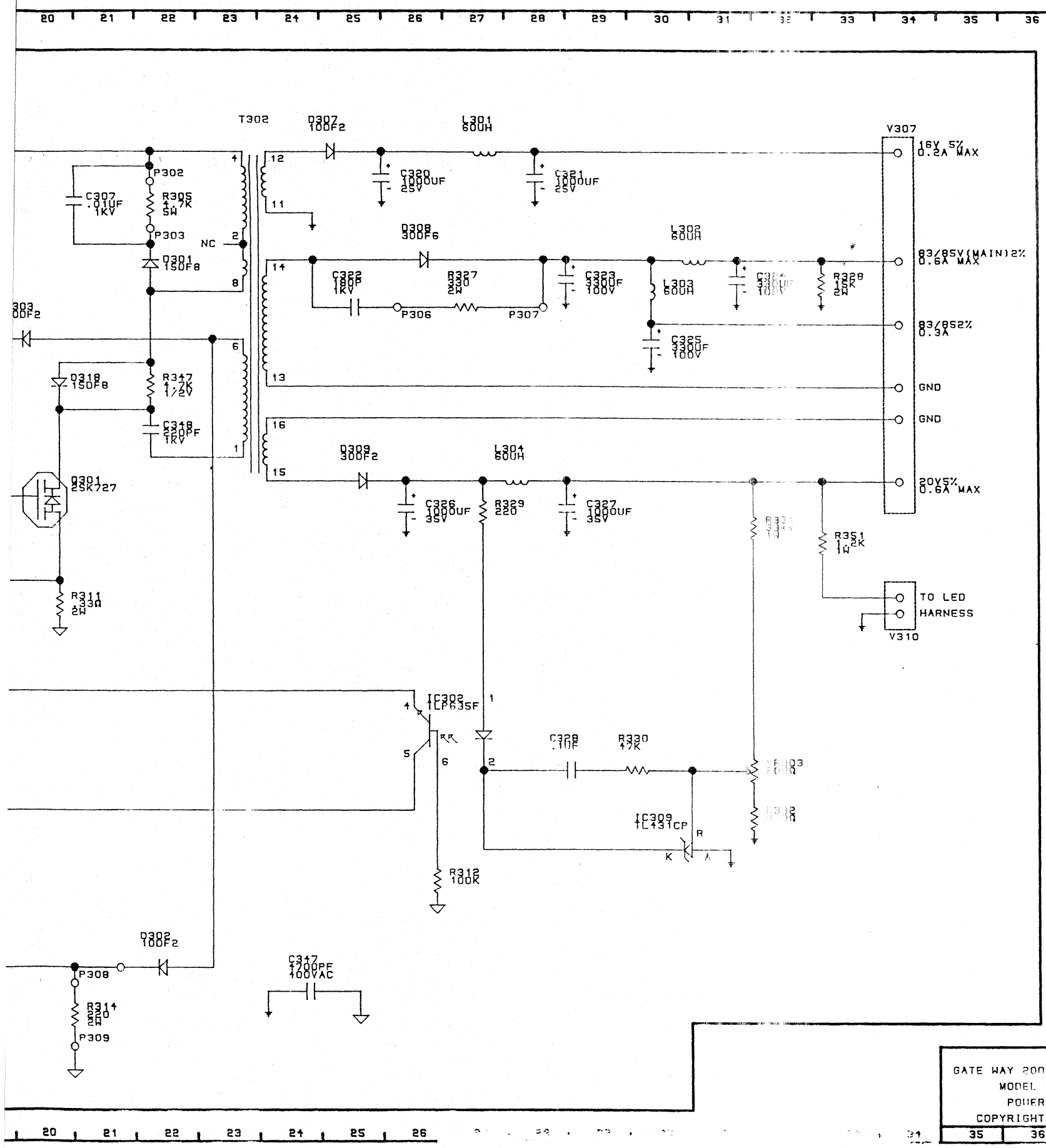
GATE WAY 2000 SVGA MONITOR	CCS
MODEL PMV-14VC	SHEET 3 OF 3
VIDEO DRIVER	REV 1
COPYRIGHT APPLIED FOR	DATE 2/20/93

WARNING: Servicing of any electronic product should only be performed by qualified personnel. This drawing and information has been Copyrighted by the company listed. Its content has been sold for the unlimited use to you. The only restrictions are that it not be copied for republication or distribution outside your company. No patent liability is assumed with respect to the use of information contained herein. Maintenance Information Technologies believes the information herein to be correct. We are not responsible for any typographical errors; no direct or implied warranty is made to its accuracy. Specifications subject to change without notice.

TRADEMARKS: All logos are registered trademarks of the companies that they represent.

NOTE: Schematics are non returnable.


W301
F301 3A 250V
L310 2000H
T301
IH302 SD-11
DB301 KBL08
L309 1000H
C301 .47UF 250V
C302 .1UF 250V
R301 1M 1/2W
C305 330UF 250V
R302 180K 1W
C306 330UF 250V
R303 180K 1W
W303A
W303B
110V/220V SELECT
CLOSE FOR 110V
R304 120K 1W
P302
C307 .01UF 1KV
R305 1.7K 5W
P303
D301 1SOF8
D303 100F2
C330 220UF 35V
D318 1SOF8
R347 1.7K 1/2W
C348 220PF 1KV
DEGAUSSING COIL
W302
TH301
C303 1200PF 400V
C304 1200PF 400V
R306 10Ω
D301 1N4148
D302 2SA733P
ZD301 12V HZ12A2
R350 10K
D301 2SK727
C309 1UF 50V
R307 1K
C308 47UF 35V
R308 1K
C316 470PF
R311 33Ω 2W
7 6 3 1
O/P ISEN COMP
IC301 CS3842A
VREF RT/CT GND VFB
4 8 5 2
R309 100K
C317 470PF
R310 100K
R313 10K
R318 6.2K 1%
C312 1UF 50V
C311 47UF 35V
C313 .01UF 50V
D306 1N4148
D305 1N4148
W305
C315 2.2UF
C314 .01UF 50V
R333 10Ω
SYNC I/P
T313
1 6 5 7 8 4
NC
NC
R320 470Ω
R319 47Ω
ZD302 7.5V HZ7B2
R315 150Ω 1%
R316 910Ω 1%
C318 .1UF 50V
R317 1.5K
C319 220UF 35V
D302 100F2
P308
R314 220 2W
P309



GATE WAY 2000 SVGA MONITOR					
MODEL PMV-14VC				SHEET 2 OF 3	
POWER SUPPLY				REV	1
COPYRIGHT APPLIED FOR				DATE	2/20/93

WARNING: Servicing of any electronic product should only be performed by qualified personnel. This drawing and information has been Copyrighted by the company listed. Its content has been sold for the unlimited use to you. The only restrictions are that it not be copied for republication or distribution outside your company. No patent liability is assumed with respect to the use of information contained herein. Maintenance Information Technologies believes the information herein to be correct. We are not responsible for any typographical errors; no direct or implied warranty is made to its accuracy. Specifications subject to change without notice.

TRADEMARKS: All logos are registered trademarks of the companies that they represent.

NOTE: Schematics are non returnable.